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PATENT  
12480-000179/US

## IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICATION NO.: 10/578,352  
APPLICANT: Shigehiro YAMAGUCHI et al.  
INTERNATIONAL APPL. NO.: PCT/JP2004/016433  
CONF.: 8964  
FILED: May 5, 2006  
FOR: POLYCYCLIC FUSED RING TYPE  $\pi$ -  
CONJUGATED ORGANIC MATERIAL,  
INTERMEDIATE THEREFOR, PROCESS FOR  
PRODUCING POLYCYCLIC FUSED RING TYPE  $\pi$ -  
CONJUGATED ORGANIC MATERIAL, AND  
PROCESS FOR PRODUCING INTERMEDIATE OF  
POLYCYCLIC FUSED RING TYPE  $\pi$ -  
CONJUGATED ORGANIC MATERIAL

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**RESPONSE TO NOTICE TO FILE MISSING**  
**REQUIREMENTS OF AN APPLICATION**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop PCT**

December 29, 2008

Sir:

Under the provisions of 37 C.F.R. § 1.494 or 37 C.F.R. § 1.495, attached hereto are the following additional items necessary for entering the national phase in connection with the above-identified PCT international application.

- ☒ Executed Declaration and Power of Attorney.
- ☐ Original ☒ Photocopy
- ☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification which was filed in the U.S. Patent and Trademark Office on , including any amendments thereto (if applicable)

filed on even date therewith.

☒ The undersigned hereby declares that Attorney Docket No. 12480-000179/US on page 1 of the attached inventors' Declaration corresponds to Appl. No. 10/578,352 filed May 5, 2006 entitled "POLYCYCLIC FUSED RING TYPE  $\pi$ -CONJUGATED ORGANIC MATERIAL, INTERMEDIATE THEREFOR, PROCESS FOR PRODUCING POLYCYCLIC FUSED RING TYPE  $\pi$ -CONJUGATED ORGANIC MATERIAL, AND PROCESS FOR PRODUCING INTERMEDIATE OF POLYCYCLIC FUSED RING TYPE  $\pi$ -CONJUGATED ORGANIC MATERIAL."

☐ English language specification, claims, and Abstract with ( ) sheets of drawings.

☐ Applicant claims small entity status under 37 C.F.R. § 1.27.

☒ Attached is a copy of Form PCT/DO/EO/905.

☐ \_\_\_\_\_

☒ No extension fee is required because the undersigned has filed the documents within the allotted time given by the Notification of Missing Requirements (Form PCT/DO/EO/905). However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.

☐ Applicant(s) hereby respectfully petitions for ( ) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$0.00 is attached hereto.

The Government Filing Surcharge in the amount of **\$130.00** in accordance

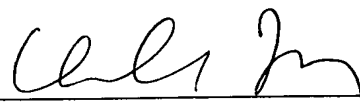
with 37 C.F.R. §§ 1.494 and 1.492 **was previously paid for** concurrently with the filing of the application **on May 5, 2006**.

- ☒ Submitted concurrently herewith **under separate cover** for recording is an Assignment.
- ☐ A Fee of \$0.00 to cover the increase in fees of the filing Surcharge is enclosed.
- ☐ Check(s) in the amount of \$0.00 to cover the above-mentioned fees is/are enclosed.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKY & PIERCE, P.L.C.

By   
Donald J. Daley, Reg. No. 34,313  
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Attachments

(Rev. 01/13/05)

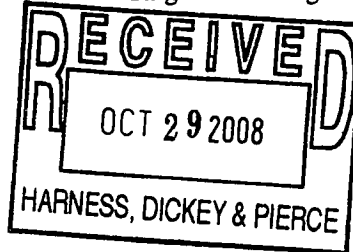


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U.S. APPLICATION NUMBER NO. 10/578,352	FIRST NAMED APPLICANT Shigehiro Yamaguchi	ATTY. DOCKET NO. 12480000179US
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INTERNATIONAL APPLICATION NO. PCT/JP2004/016433	
I.A. FILING DATE 11/05/2004	PRIORITY DATE 07/11/2003

CONFIRMATION NO. 8964  
371 FORMALITIES LETTER



Date Mailed: 10/27/2008

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371  
IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Priority Document
- Copy of the International Application filed on 05/05/2006
- English Translation of the IA filed on 05/05/2006
- Copy of the International Search Report filed on 05/05/2006
- Preliminary Amendments filed on 05/05/2006
- Information Disclosure Statements filed on 05/05/2006
- Request for Immediate Examination filed on 05/05/2006
- U.S. Basic National Fees filed on 05/05/2006
- Priority Documents filed on 05/05/2006
- Specification filed on 05/05/2006
- Claims filed on 05/05/2006
- Abstracts filed on 05/05/2006
- Drawings filed on 05/05/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

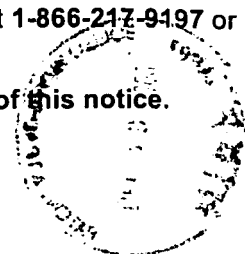
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Matter no.	
Action Due Date	12/21/08 Final Date 5/21/09
Action	Missing Req.
Atty	DJP
DKT/Verify	SKW/lmf

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**



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